SR:	Project Title:		Submittal Date:			
City/County: _		Begin MP:	End MP:	Page 1 of 3		
WSDOT	NORTHWEST I	REGION CHANNE	LIZATION PLA	N CHECKLIST		
elements that anyone looki preserved une mylar. Since (Design Manu	combine to form the higher for geometric inforder RCW Title 40, Publichannelization plans are ual 330.08). Channelization	uments that show the rel ghway. Similar to right o mation after constructio lic documents, records, a e design documents they tion plans and the association	f way plans, channeliz n is completed. Ch and publications and p are only valid for three ated design variances	tation plans are used by nannelization plans are permanently archived on a (3) years after approval		
		ers: Channelization plan a f the approval and permit		approval. The approved		
GENERAL F	REQUIREMENTS FOR	R THE CHANNELIZAT	ION PLAN SET			
Devices (I specified	MUTCD), and the Local	DOT Design Manual M22 Agency Guidelines Manu d Specifications for Road SDOT Design Manual.	al M36-63, where appr	opriate. Use terminology		
22"x34" m	Use plan scale of not less than 1" = 60' for 11" x 17" plots and not less than 1" = 30' for the final full si 22"x34" mylar plot. Freeway and Interstate plans may use a different scale with the written approval of the Area Traffic Engineer.					
		e improvements are new in new improvement ties in to		ions and dimensions of al		
	sting channelization information of the Plans Preparat	mation in 80% gray tone <u>(</u> ion Manual (M 22-31)	<u>DR</u> using the dashed li	ne styles as shown in the		
intersectin	ig roads (public or priva	annelization beyond the intention teleparts and commercial and and the radius returns or to	multi-residential road a	approaches, show 100' of		
plan sheet required f	Provide two half size (11"x 17") original plots of the channelization plan(s). Scanned images and photocoplan sheets will not be accepted. One full size (22" x 34") mylar stamped and signed by the design engine required for final approval. Per WAC 193-23-020, plans should be marked "PRELIMINARY" until the signed plan is submitted. See Channelization Plan Review Process and Final Approval below.					
exceptions	s, and justifications) requ	(Corridor or project an ests to the Area Design R design variances are appro	eviewer for review and			
approval. early in th Calendar	Submit any calendar actions and traffic signal permit applications for Northwest Region Traffic Engineer approval. Calendar actions and proposed traffic signals should be discussed with the Area Traffic Engine early in the design process. Do not wait until the channelization plan submittal to discuss these item Calendar actions are required for things such as speed limit changes and turning movement restrictions (no turns, no right turn on red). Note: a calendar action is a change to something written into law.					
<u>CHANNELIZ</u>	ZATION PLAN SHEE	<u>TS</u>				
		highway in plan view. Th				
		nly the final channelization. or electrical and signal appu		ow any materials, signing		
Alignment commercia centerline (M 22-31)	centerlines for all roadval approaches, and multi- requirements for <i>Highwa</i>	ways including all intersections and approaches. An Alignment to be Constructions. St. 50 ft major stations.	ting streets. This included conterline line type shucted as shown in the F	all follow the construction Plans Preparation Manual		
name sho	uld be shown in parenthe PSE New SR No Text :	mes. State routes with loc esis. SR 999 (Local Rd.) as shown in the Plans Pr MicroStation	Follow the constructio eparation Manual (M	n centerline requirements		

Standards for MicroStation using (http://www.wsdot.wa.gov/publications/manuals/fulltext/M22-31/CADD.pdf)

SR	: Project Title:	Submittal Date:		
City	//County:Begin M	P: End MP: Page 2 of 3		
	Bearings of all alignment centerlines.			
	Intersection angles labeled for all intersecting streets	and ramps. See Channelization Elements sheet.		
	Intersection alignment centerline equations. Include	the milepost of the intersection.		
		Include both the milepost and alignment station. Note, its of the new channelization and may not be the same as et.		
	Channelization-related Design Variance callouts and	notes. See Channelization Elements sheet.		
	Curve data for each alignment curve (P.I. station, of spiral data (if applicable), and curve design speed).	urve delta, curve radius, tangent, length, superelevation, See the Channelization Elements sheet.		
	Final right of way and limited access lines. Also s See Section 3 of the Plans Preparation Manual (M 22	how right of way easements for channelization features. 2-31) for line style requirements.		
	Label edge of traveled way and edge of pavement lin	es.		
	Existing and new raised curbing, barrier, guardrail, ru	mble strips and pedestrian rail.		
	a feature line does not follow the alignment ce Measurements are made to the face of curb or cente 8-22 to the Standard Specifications for Road, Bridge	ers, sidewalks, and planter strips / amenity zones. Where nterline, label widths on both sides of the centerline. er of pavement marking. Use names as shown in section e, and Municipal Construction (M41-10) and section M of Construction (M 21-01). Include line color but not material otted extension line, stop line, traffic arrow)		
	Stations and offsets to the center of pavement m symbols, and bicycle lane markings.	arking text and symbols such as turn lane arrows, HOV		
	Begin and end stations of right and left turn storage Channelization Elements sheet for measurement me	e lanes. Indicate the provided storage lengths. See the		
	Begin and end stations with offsets for all lane transtaper rate (x.x:1) in both the begin and end taper call	sitions, channelization and pavement tapers. Include the outs.		
	Label the turn radii (all right and left) for intersection residential road approaches. See the Channelization	ns, private road approaches, and commercial and multi- n Elements sheet.		
	Show all existing and new sidewalk ramps. For projects with sidewalk ramp(s), include a general note on the plans stating that all sidewalk ramps shall meet current ADA requirements. Show the location of the truncated domes on the sidewalk ramp(s). See the Channelization Elements sheet.			
	Show and label the locations of transit stops			
	Include a vicinity map and a sheet key for larger (10 the Channelization Elements sheet.	sheets or more) or complex (interchanges) projects. See		

SR	Project Title:	Submittal Date:						
City	//County:Begin MP: _	End MP:	Page 3 of 3					
	The following items are to be included on every plan sheet:							
Ц	A title block with the Project Title w/ State Route Number(s), Begin & End Mileposts, City and County, submittal Date and Page Number. See the Channelization Elements sheet for the specific format.							
	North arrow. See the Plans Preparation Manual (M 22-31) Section 5, CADD Standards for MicroStation using Expanded Levels (http://www.wsdot.wa.gov/publications/manuals/fulltext/M22-31/CADD.pdf), General Sheet Items section.							
	Scale bar. The preferred location is at the bottom of the s	heet near the WSDOT approval sig	gnature block.					
	Section, Township, and Range. See the Channelization E	Elements sheet for specific format.						
	WSDOT approval signature block. The preferred (not reright corner. See Channelization Elements sheet for the that do not show new channelization on state routes.							
DE	TAIL SHEETS							
plar	ails supplement portions of the channelization plans that a sheets. Detail sheets are to be stamped and signed by WSDOT approval signature block.							
	Details of all raised & striped traffic islands. At a minimum reference lines, shy distances to curbs, curb type, any c ramps or barrier-free passageways. Also label the proje (M22-01) Chapter 910.	urbing or striped radii, angle points	s, and all sidewalk					
	Details of curb extensions (bulb outs). Include begin and radii.	d end transition stations and offset	s as well as curve					
RO	ADWAY SECTIONS							
sho zon sec righ labe she suff	adway sections are a required part of the channelization uld not have the WSDOT signature block. Roadway see e, traffic islands, shy to curb, raised curb (include type), bations should also show alignment centerline, ditches (slot of way lines. Materials and material depths should not beled. References to construction methods should not bets at the end of the channelization plan set. The road icient room is available. Note: all widths measured to cuter of curb.	ctions should show lane, shoulder trier, or guardrail and sidewalk wides labeled), cut and fill slopes, she shown. If they are shown then see included. Roadway sections sloway sections may be placed on urbing are measured to the face of	, planter / amenity of ths. The roadway lope rounding and they should not be hould be separate the plan sheets if f curb and not the					
Ц	Typical roadway. Where a feature line does not follow the centerline.	e alignment centerline, label width	ns on both sides of					
<u>CH</u>	ANNELIZATION PLAN REVIEW PROCESS AND	FINAL APPROVAL						
Tratake revi sub that	channelization plan review process is typically an iterative fic Analyst, the Area Design Reviewer, and several openess the longest time due to the number of groups review ew are sent to the designer. The designer addresses mitted for review. The review and comment process is rechanges made could generate additional comments if owed.	ations groups within Traffic. The fing the plans. Comments generalls the comments and a new chare epeated until all issues are resolved.	first review usually ated from the first nnelization plan is ed. Keep in mind					
app and Ope revi	er the plans have been reviewed, all the issues have be roved, a full size mylar plan will be requested. The mylat stamped and signed by the design engineer. The mylaterations for review and signature. Following that the platew and signature. Half size paper copies of the apprenived.	r plan must be plotted on full size ar plan is then sent to the Traffic n is then sent to the Area Engine	sheets (22" x 34") Engineer for Area ering Manager for					
	PE stamped, signed, and dated. Only required for final rittle block of each plan and detail sheet	nylar submittal. PE stamps should	d be located in the					
	Prenared hy:	1	Initials:					